

RETENTION OF OLD MOBILE NUMBER ON SIM CARD REPLACEMENT

ABSTRACT

The invention deals with the management of phone numbers attribution after replacement of a smart card (SCA), particularly a SIM card, by a new smart card (SCB). Said smart card (SCA) is coupled to a communication device (CD) being able to communicate with a network. Said smart card (SCA) stores at least one parameter ($IMSI_A$, ADM_A , Ki_A) attached to a first current phone number ($MSISDN_A$). The following steps are performed in order to keep his old phone number when replacing his current card by a new one; a service-inserting step, in which the new smart card (SCB) storing at least one parameter ($IMSI_B$, $ADMB$, Ki_B) attached to the second phone number ($MSISDN_B$) is inserted in the communication device; a service-replacing step, in which an application server (AS) sends a message (M2) for replacing, in the new smart card (SCB), parameters ($IMSI_B$, $ADMB$, Ki_B) attached to the second phone number ($MSISDN_B$) by parameters ($IMSI_A$, ADM_A , Ki_A) attached to the first phone number ($MSISDN_A$); a service-using step, in which the user now uses the second smart card (SCB) with the phone number ($MSISDN_A$) previously attached to the first smart card (SCA).